

Fungi bahienses

a cl. E. Ule collecti.

Autore P. Hennings.

Ustilaginaceae.

Ustilago Ulei P. Henn., Hedw. 1895, p. 88.

Bahia, Maracás in foliis *Chloridis* sp. Sept. 1906.

U. aristidicola P. Henn. n. sp.; soris in spicis, eas omnino destruentibus, atris, effusis; sporis subglobois vel ellipsoideis, atrolivaceis intus granulatis, $4-7 \times 4-6 \mu$.

Bahia, Maracás in floribus *Aristidae* sp. Sept. 1906, n. 3316.

Uredinaceae.

Uromyces Manihotis catinae P. Henn. n. sp.; maculis fuscis, rotundatis vel effusis; soris hypophyllis, sparsis vel gregariis erumpentibus ferrugineis, epidermide cinerea fissa velatis; uredosporis ellipsoideis vel ovoideis, brunneis, aculeatis, $20-28 \times 15-20 \mu$; teleutosporis ellipsoideis vel ovoideis, apice conoideo-papillatis flavo-brunneis, $8-10 \mu$ incrassatis, grosse verrucosis, castaneis, $30-35 \times 25-30 \mu$, pedicello hyalino usque ad $40 \times 8 \mu$.

Bahia, Remanso in foliis *Manihotis catinae* Ule. Jan. 1907, n. 3322.

U. jatrophiicola P. Henn. n. sp.; maculis flavidis sparsis vel effusis; uredosoris amphiginis sparse gregariis, rotundato-pulvinatis, ochraceis vel aurantiacis, farinosis, ca. 1 mm diam.; uredosporis ellipsoideis vel subglobois, verrucosis, flavidis vel citrinis, $18-22 \times 15-20 \mu$; teleutosoris plerumque epiphyllis, gregarie sparsis, rotundato-pulvinatis atris; teleutosporis subglobois vel ellipsoideis, grosse verrucosis, castaneis, $20-26 \times 18-23 \mu$.

Bahia, Calderao in foliis *Jatrophae* sp. (7036). Octob. 1906, n. 3322.

U. pianhyensis P. Henn. n. sp.; maculis fuscidulis vel flavidis, rotundato-sparsis vel effusis; uredosoris hypophyllis gregarie sparsis, rotundato-pulvinatis, farinosis, ca. 0,5 mm diam. ferrugineis; uredosporis subglobois vel ellipsoideis, flavo-brunneis, asperatis, $16-20 \times 15-18 \mu$; teleutosoris hypophyllis, raro epiphyllis, sparsis, atro-

brunneis; teleutosporis subglobosis apice obtuso-papillatis, 4—5 μ incrassatis, castaneis, verrucosis, 20—26 \times 18—22 μ , pedicello persistenti, hyalino, 20—30 \times 4—5 μ .

Pianhy, Serra Nova in foliis Wedeliae sp. Jan. 1907, n. 3329.

U. Tournefortiae P. Henn. n. sp.; maculis flavidis effusis; soris amphigenis sparsis, pulvinatis; teleutosporis clavatis, ovoideis vel ellipsoideis, apice obtuso incrassatis vel subpapillatis, brunneis vel cinnamomeis, verrucosis, 28—38 \times 20—30 μ , pedicello hyalino, ca. 30 μ .

Rio de Janeiro, Horto botanico in foliis Tournefortiae. N. 2535.

Puccinia Ipomoeae panduratae (Schwein.) Syd., Mon. I, p. 323.

Bahia, Chique-Chique, Aecidium in foliis Ipomoeae sp. Febr. 1907, n. 3327.

P. lagoensis P. Henn. n. sp.; maculis rotundatis vel effusis, fuscidulis; soris hypophyllis sparse gregariis, rotundato-pulvinatis, vel confluenta effusis, atris; teleutosporis ovoideis vel ellipsoideis, apice haud incrassatis, rotundatis 1-septatis constrictis, brunneis, laevibus, 18—28 \times 11—17 μ , pedicello 25—70 \times 4—5 μ , hyalino-fuscidulis; mesosporis continuis ovoideis vel ellipsoideis intermixtis.

Pianhy, Serra da Lagoa in foliis Oxypetali sp. Jan. 1907, n. 7157.

P. Amphistelmae P. Henn. n. sp.; soris cauliculis oblonge effusis, atris, firmis, 1—3 mm longis; teleutosporis ovoideis vel ellipsoideis vertice rotundatis haud incrassatis, medio vel oblique vel longitudinaliter septatis, brunneis, 18—27 \times 15—22 μ , pedicello hyalino-fuscidulo usque ad 50 \times 3 μ .

Bahia, Maracás in ramulis Amphistelmae sp. Sept. 1906, n. 3326.

P. oldenlandiicola P. Henn. n. sp.; maculis fuscis; soris cauliculis effuso-erumpentibus, pulvinatis vel confluentibus, brunneo-fuscis, firmis; teleutosporis ovoideis vel ellipsoideis, vertice obtuso-rotundatis haud incrassatis, brunneis, medio septatis haud constrictis, pedicello hyalino flavescente, usque ad 50 \times 3 μ .

Bahia, Tambury in caulibus Oldenlandiae herbaceae? Octob. 1906, n. 3328.

Ravenelia Hieronymi Speg. Fungi Argent. Pug. IV, n. 78.

Bahia, Chique-Chique in ramulis Acaciae Farnesiana. Jan. 1907, n. 3320.

R. bahiensis P. Henn. n. sp.; soris teleutospoferis longe effusis ramulis junioribus deformantibus, atris confluentibus; capitulis teleutosporarum subhemisphaericis, castaneis, 40—60 μ , e 5—8-sporis simplicibus subgloboso-angulatis vel conoideis, 18—23 \times 15—20 μ ,

compositis, cellulas cystoideas ovoideas vel subglobosas (5—8) hyalinas $15-18 \times 10-15 \mu$ gerentibus, pedicello hyalino, breve 2—3-hyphoideo, ca. 5μ crasso.

Bahia, Remanso in ramulis junioribus subflexuosis Mimosae remansoanae Harms. Jan. 1907, n. 3321.

Hypocreaceae.

Hypocrella marginalis P. Henn. in Engl. bot. Jahrb. 1903, p. 49. Amazonas, Rio Juruá in foliis Anonaceae. Juli 1901.

Dothideaceae.

Auerswaldia Hirtellae P. Henn. n. sp.; maculis flavofuscis rotundatis; stromatibus epiphyllis sparsis, erumpente superficialibus, pulvinato-subglobosis, rugosis, subcarbonaceis, atrofuscis, rimosis, peritheciis immersis; ascis longe clavatis, vertice obtuso-rotundatis, 8-sporis, $100-140 \mu$ longis, p. spor. $70-100 \times 10-13 \mu$; sporis ellipsoideis vel subfusoideis, utrinque obtusis, oblique monostichis vel subdistichis, guttulatis, fuscis, $14-20 \times 8-10 \mu$; paraphysibus hyalinis.

Bahia, Serra do Sincora in foliis Hirtellae (4306). Nov. 1906.

Bagnisiella Rübssameni P. Henn. n. sp.; stromatibus cauliculis tumefacientibus, erumpentibus caespitosis, subgloboso-confluentibus, subcoriaceis, atrofuscis, loculis immersis, subovoideis; ascis clavatis apice rotundatis, tunicatis, 8-sporis, $80-110 \times 20-26 \mu$; paraphysibus copiosis, hyalinis; sporis oblonge ellipsoideis, clavatis vel subfusoideis, utrinque obtuso-rotundatis, continuis, hyalinis, $20-32 \times 9-12 \mu$.

Surinam, Rio Para in ramis Cassiae sp. Michaelis (Rübssamen c. 1908).

Sphaeriaceae.

Trematosphaeria Erythrinae P. Henn. n. sp.; peritheciis sparsis vel subgregariis, innato-superficialibus, atro-subcarbonaceis, subhemisphaericis ostiolatis, centro depressis, ca. 300μ diam.; ascis clavatis, obtusis, 8-sporis, $60-70 \times 8-10 \mu$, paraphysibus filiformibus ca. 2μ crassis; sporis subdistichis oblongo-fusoideis utrinque subacutis, 6—7-septatis, fusco-brunneis, $26-32 \times 3\frac{1}{2}-4 \mu$.

Rio de Janeiro, Serra do Itatiaia in pedunculis Erythraeae ramosissimae. Mart. 1894.

Microthyriaceae.

Micropeltis albo-ostiolata P. Henn.; peritheciis hypophyllis sparsis, dimidiato-scutellatis, atro-cellulosis, ostiolis pertusis albis, ca. $200-220 \mu$ diam., hyphis fuscis, $2-4 \mu$ crassis, conidiis clavatis, fuscis, 3—4-septatis, $40-50 \times 3-4 \mu$; ascis oblongo-ovoideis vel ellipsoideis, 8-sporis, $25-35 \times 10-13 \mu$, paraphysibus filiformibus

hyalinis, 0,5—1 μ crassis; sporis subdistichis vel conglobatis, clavatis, 3-septatis, constrictis, grosse guttulis, 10—13 \times 3—4 μ .

Amazonas, Rio Juruá in foliis Myrtaceae.

M. Hirtellae P. Henn. n. sp.; peritheciis gregarie sparsis hypophyllis, dimidiato-scutellatis, atrobrunneis, reticulato-cellulosis, ostiolatis, margine fibroso-pallidis, ca. 200—280 μ diam.; ascis clavatis, rotundatis, curvulis, 8-sporis, 35—45 \times 13—18 μ ; sporis subtristichis vel conglobatis, subclavatis vel subfusoideis utrinque obtusorotundatis, 5—7-septatis, constrictis, hyalinis, 30—35 \times 5 μ .

Amazonas, Rio Juruá in foliis *Hirtellae* amazonicae Aubl. Juli 1901, n. 3315.

Actiniopsis atroviolacea P. Henn. n. sp.; peritheciis epiphyllis sparsis, scutellatis, atris, ca. 250 μ diam., ad marginem setulis rigidis, numerosis, subulatis c hyphis atroviolaceis, ca. 3 μ crassis, apice hyalinis laxe conflatis, ca. 200—400 \times 15—40 μ ; ascis clavatis vel subfusoideis, 8-sporis, 120—140 \times 10—15 μ ; paraphysibus copiosis flexuosis filiformibus, hyalinis, ca. 2 μ crassis; sporis subdi- vel subtristichis fusoideis vel subclavatis, obtusiusculis, hyalinis, 9—11-septatis, constrictis, ca. 50 \times 4—5 μ .

Peru, Iquitos in foliis *Tapuræ* sp. Juli 1902.

A. seperato-setosae P. Henn.; peritheciis epiphyllis sparsis vel gregariis subscutellatis ad marginem setosis, hyphis fibrosis radiatis circumdati, conidiis ovoideis vel clavatis, fuscis 1—3-septatis, 20—30 \times 5—8 μ , poro medio pertusis, cellulosis, atrofuscis, ca. 250—280 μ diam., setulis simplicibus, rigidis, atrofuscis, apice pallido obtusis, ca. 120—250 \times 5—6 μ ; ascis clavatis, obtuse rotundatis, 8-sporis, 90—140 \times 20—30 μ ; sporis parallelis, cylindraceis, utrinque obtusis, interdum ad basin attenuatis, 20—26-septatis, constrictiusculis, hyalinis, 70—100 μ .

Amazonas, Juruá-Miry in foliis *Hirtellae* americanae Aubl. Juli 1901, n. 3314.

A. Ulei P. Henn., Hedw. XLIII., p. 381.

Rio de Janeiro, Tijuca in foliis Rutaceae. Sept. 1894.

St. Catharina in foliis Myrtaceae. Mai 1890.

Hysteriaceae.

Hysterium Velloziae P. Henn. n. sp.; apotheciis sparsis vel gregariis superficialibus, elongatis vel linearibus interdum curvulis, laeviusculis, atro-opacis, usque ad 1½ mm longis; ascis clavatis, obtusis, 8-sporis, 120—130 \times 18—20 μ , paraphysibus copiosis, superantibus, filiformibus, hyalinis, ca. 2 μ crassis; sporis subdistichis fusoideis, 15—20-septatis, fuliginis, 35—50 \times 12—13 μ .

Ouro-Preto, 1400 m, ad truncum *Velloziae* sp. Schwake 1892, n. 10765.

Helotiaceae.

Niptera Gaduae P. Henn. n. sp.; ascomatibus sparsis superficialibus, sessilibus cupulato-patellatis, ceraceis, marginatis, ca. 300 μ diam., extus subpallidis, disco incarnatis; ascis subclavatis apice rotundato-obtusis, 8-sporis, 40–50 \times 3 $\frac{1}{2}$ –5 μ , paraphysibus filiformibus hyalinis, 1–1 $\frac{1}{2}$ μ crassis, apice clavatis, ca. 2 μ incrassatis; sporis oblique monostichis vel subdistichis, ellipsoideis, 1-septatis haud constrictis, 6–11 \times 2 $\frac{1}{2}$ –3 μ .

Amazonas, Juruá-Miry in ramulis *Gaduae* sp. in societate *Balansiae* regularis Möll.

Sphaeropsidaceae.

Coniothyrium Amphistelmae P. Henn. n. sp.; peritheciis sparse gregariis erumpentibus, minutis punctiformibus atris, pulvinatis, poro pertusis; sporis ellipsoideis, utrinque obtusis, castaneis, 8–10 \times 4–5 μ .

Bahia, Maracás in caulibus siccis *Amphistelmae* sp. Sept. 1906, n. 3326.

Epheliopsis P. Henn. n. gen. Stroma crustacea, atra, effusa. Perithecia subcarbonacea atra, subconoidea, pertusa, stromate inserta. Conidia cylindracea curvula, continua, hyalino-fuscidula.

E. Turnerae P. Henn. n. sp.; stromatibus longe effusis ramulis circumdantibus, atro-crustaceis, rugulosis, rimosis; peritheciis gregariis vel sparsis subcarbonaceis vel coriaceis atris, pulvinatis vel subconoideis, rugulosis, ca. 200 μ , perforatis; conidiis cylindraceis utrinque obtusis, curvulis, hyalino-fuscidulis, 5–11 \times 2–3 μ .

Bahia, Remanso, Serra Branca et Serra Sao Ignacio in ramulis vivis *Piriquetae Duarteanae* Urb., *Turnerae surinamensis*, et *Turnerae leptospermae* Urb. Jan.-Febr. 1907, n. 3324, 3325.

Excipulaceae.

Ephelis mexicana Fries, *Fungi Mex.* in Berk. et C. Cub. *Fung.* n. 567.

Bahia, Maracás in rachidibus *Panici* sp. Sept. 1906, n. 3315.

Leptostromataceae.

Leptostromella Hirtellae P. Henn. n. sp.; peritheciis epiphyllis gregariis, dimidiato-scutellatis, atris, radiato-cellulosis, margine fibrosis, poro pertusis, ca. 300–350 μ ; conidiis filiformibus utrinque acutis, pluriguttulatis, hyalinis, 25–35 \times 1 μ .

Amazonas, Juruá-Miry in foliis *Hirtellae americanae* Aubl. Juli 1901, n. 3315.

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